UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 7,061,004 B2 Page 1 of 2

APPLICATION NO.: 10/622482

DATED: June 13, 2006

INVENTOR(S): Kristy A. Campbell

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page, [56] delete Inventors name "Lowery" should read -- Lowrey--.

In the U.S. Patent Documents portion of the References Cited section, the following error is corrected for the inventor in the following 15 patents:

6,404,665	6,501,111	6,511,867	6,545,907
6,555,860	6,563,164	6,567,293	6,570,784
6,576,921	6,586,761	6,590,807	6,625,054
6,667,900	6,687,153	6,707,712	

In the Other Publications portion of the References Cited section, the following errors are corrected:

"Kotkata, M.F.; Afif, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTl chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146."

should read

--Kotkata, M.F.; Afifi, M.A.; Labib, H.H.; Hegab, N.A.; Abdel-Aziz, M.M., Memory switching in amorphous GeSeTl chalcogenide semiconductor films, Thin Solid Films 240 (1994) 143-146.--;

"McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects o electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987)f."

should read

--McHardy et al., The dissolution of metals in amorphous chalcogenides and the effects of electron and ultraviolet radiation, 20 J. Phys. C.: Solid State Phys., pp. 4055-4075 (1987).--;

"Titus, S.S.K.; Chatterj e, R.; Asokan, S., Electrical switching and short-range rder in As-T glasses, Phys. Rev. B 48 (1993) 14650-14652."

should read

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-- Titus, S.S.K.; Chatterjee, R.; Asokan, S., Electrical switching and short-range order in As-Te glasses, Phys. Rev. B 48 (1993) 14650-14652.--; and

"Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and exafs structural investigation, Transport-structure relations in fast ion and mixed conductors Proceedings of the 6th Riso International symposium, Sep. 9-13, 1985."

should read

-- Tranchant, S.; Peytavin, S.; Ribes, M.; Flank, A.M.; Dexpert, H.; Lagarde, J.P., Silver chalcogenide glasses Ag-Ge-Se: Ionic conduction and EXAFS structural investigation, Transport-structure relations in fast ion and mixed conductors, Proc. of the 6th RISO Int'l Symp., Sep. 9-13, 1985.--.

Column 10, line 19, "include" should read --includes--;

Column 10, line 47, "via to the" should read --via the--;

Column 10, line 50, "to one additional" should read --to additional--; and

Column 11, line 1, "system" should read --systems--.

Signed and Sealed this

Seventh Day of November, 2006

JON W. DUDAS Director of the United States Patent and Trademark Office